

WHAT IS CLAIMED IS:

1. A temperature control apparatus comprising:

a temperature controlling heat exchanger having a passage for passing a temperature controlling fluid;

a connecting pipe connected to the passage of said temperature controlling heat exchanger;

a first block having a passage for passing a temperature controlling fluid to said temperature controlling heat exchanger;

a second block for forming a passage between the passage of said first block and said connecting pipe; and

sealing means for connecting said connecting pipe movably to the passage of said second block,

wherein the length of said connecting pipe is made substantially equal to or slightly shorter than the spacing between said temperature controlling heat exchanger and said first block.

2. A temperature control apparatus comprising:

a temperature controlled heat exchanger having a passage for passing a temperature controlled fluid;

a connecting pipe connected to the passage of said temperature controlled heat exchanger;

a first block having a passage for passing a temperature controlled fluid to said temperature controlled heat exchanger;

a second block for forming a passage between the passage of said first block and said connecting pipe; and

sealing means for connecting said connecting pipe movably to the passage of said second block,

wherein the length of said connecting pipe is made substantially equal to or slightly shorter than the spacing between said temperature controlled heat exchanger and said first block.

3. A temperature control apparatus comprising:

a heat exchange unit for exchanging the heat between a temperature controlling heat exchanger having a passage for passing a temperature controlling fluid and a temperature controlled heat exchanger having a passage for passing a temperature controlled fluid;

a first connecting pipe connected to the passage of said temperature controlling heat exchanger;

a first block having a passage for passing a temperature controlling fluid to said temperature controlling heat exchanger;

a second block for forming a passage between the passage of said first block and said first connecting pipe;

first sealing means for connecting said first connecting pipe movably to the passage of said second block;

a second connecting pipe connected to the passage of said temperature controlled heat exchanger;

a third block having a passage for passing the temperature controlled fluid to said temperature controlled heat exchanger;

a fourth block for forming a passage between the passage of said third block and said second connecting pipe; and

second sealing means for connecting said second connecting pipe movably to the passage of said fourth block,

wherein the length of said first connecting pipe is made substantially equal to or slightly shorter than the spacing between said temperature controlling heat exchanger and said first block, and wherein the length of said second connecting pipe is made substantially equal to or slightly shorter than the spacing between said temperature controlled heat exchanger and said third block.